

Thus, Applicants respectfully submit that Katsumi does not show or disclose means for adjustably mounting a position detection apparatus to a housing, as recited by claim 1.

Claims 2-5 depend from claim 1, and include additional recitations. For at least the reasons stated with reference to claim 1, the rejections of Claims 2-5 over Katsumi also are improper under 35 USC § 102, and should be withdrawn.

Additionally, dependent claim 3 further recites a potentiometer can move in an axial direction of the moving cylinder. Dependent claim 4 further recites a potentiometer can slide in an axial direction of the moving cylinder.

Katsumi fails to show or disclose the additional recitations of dependent claims 3 or 4. If anything, Katsumi discloses that a position detection sensor or slide rheostat 54 is fixed to Katsumi's frame 43 by ultrasonic welding. (See Katsumi, paragraph 36). Thus, Katsumi's position detection sensor 54 cannot move, or slide, in an axial direction of a moving cylinder, so as to allow detection of a position of the moving cylinder to be adjusted. For at least this additional reason, the rejections of dependent claims 3 and 4 over Katsumi are improper under 35 USC § 102, and should be withdrawn.

Regarding the amendment to claim 5, Applicants respectfully submit that the present amendment places the application in condition for allowance or clarifies and reduces the issues to be considered on appeal. Applicants further submit that the present amendment requires no additional searching. Accordingly, Applicants respectfully request that Examiner enter the present amendment after final rejection.

As Applicants have overcome or traversed each and every rejection raised by Examiner, Applicants respectfully request that Examiner withdraw the present objections and rejections and pass to issue claims 1-5.

Application Serial No.: 10/584,359
Final Office Action dated: February 2, 2009
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Applicants believe no fees are due in connection with this Amendment and Response. If additional fees are deemed necessary, Attorneys for Applicants hereby authorize the Commissioner to deduct such fees from our Deposit Account 13-0235.

Respectfully submitted,

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